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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

STREET NUMBER	ANTICIPATED CLASSIFICATION OF THIS APPLICATION:		PRIOR APPLICATION	
CLASS	SUBCLASS	EXAMINER	ART UNIT	
10873.326USD1			Unknown	Unknown

CERTIFICATE UNDER 37 CFR 1.10

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Date of Deposit October 24, 2001

I hereby certify that this paper or fee is being deposited with the U S Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, Washington, D C 20231

By: 
Name Christopher Stordahl

J1017 U.S. PTO
10/037866



10/24/01

DIVISIONAL APPLICATION UNDER 37 C.F.R. § 1.53(b)

BOX PATENT APPLICATION

Commissioner for Patents
Washington, DC 20231

Dear Sir:

This is a request for filing a divisional application under 37 CFR § 1.53(b) of Serial No. 09/154,355, filed on September 16, 1998 entitled DEVICE FOR CALCULATING DIFFRACTION EFFICIENCIES OF A DIFFRACTION LENS, LENS WITH GRATING ELEMENT, AND OPTICAL SYSTEM FOR READING by the following inventor(s):

Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	YAMAGATA	Michihiro	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Osaka	Japan	Japan
Post Office Address	Post Office Address	City	State & Zip Code/Country
	2-59-710, Hanaten-nishi 1-chome, Joutou-ku, Osaka-shi	Osaka	536-0011, Japan
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	BOKU	Kazutake	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Osaka	Japan	Korea
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	7-7-15, Nishiyamamotocho, Yao-shi	Osaka	581-0868, Japan
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	TANAKA	Yasuhiro	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Hyogo	Japan	Japan
Post Office Address	Post Office Address	City	State & Zip Code/Country
	2-5-303, Niihamacho, Ashiya-shi	Hyogo	659-0031, Japan
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	SASANO	Tomohiko	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Osaka	Japan	Japan
Post Office Address	Post Office Address	City	State & Zip Code/Country
	3-9-12, Kishibe-kita, Suita-shi	Osaka	564-0001, Japan
Full Name Of Inventor	Family Name	First Given Name	Second Given Name
	ONO	Shusuke	
Residence & Citizenship	City	State or Foreign Country	Country of Citizenship
	Osaka	Japan	Japan
Post Office Address	Post Office Address	City	State & Zip Code/Country
	31-11, Fukazawahonmachi, Takatsuki-shi	Osaka	569-0033, Japan

1. ☒ Enclosed is a copy of the prior application; including the specification, claims, drawings, oath or declaration showing the applicant's signature, and any amendments referred to in the oath or declaration filed to complete the prior application. (It is noted that no amendments referred to in the oath or declaration filed to complete the prior application introduced new matter therein.) The continuing application is as follows: 81 pages of specification, 79 claims, 1 pages of abstract, 50 sheets of drawings, and 5 pages of oath or declaration.
- ☒ The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.
2. ☒ Cancel original claims 13, 14, 30, 31, 34, and 47-79 of this application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
3. ☒ The filing fee is calculated below:

CLAIMS AS FILED

NUMBER FILED	NUMBER EXTRA		RATE	FEE
TOTAL CLAIMS: 41 -20	21	x	\$18.00	378.00
INDEPENDENT CLAIMS 6 -3	3	x	\$84.00	252.00
			BASIC FILING FEE:	\$740.00
			TOTAL FILING FEE:	1,370.00

☐ Small entity status is claimed pursuant to 37 CFR 1.27.

4. ☒ Payment of fees:
 - ☒ Attached is a check in the amount of 1,370.00
 - ☐ Please charge Deposit Account No. 13-2725.
5. ☒ The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §§ 1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-2725.
6. ☒ Amend the specification by inserting before the first line the sentence:

"This application is a divisional of application Serial No. 09/154,355, filed September 16, 1998, which application(s) are incorporated herein by reference."
7. ☒ A set of formal drawings (50 sheets) is enclosed.
8. ☒ Priority of applications Serial No. 9-258132, filed on September 24, 1997, Serial No. 9-270933, filed on October 3, 1997, and Serial No. 9-320127, filed on November 20, 1997 in Japan, are claimed under 35 U.S.C. 119.
 - ☒ The certified copies have been filed in prior application Serial No. 09/154,355, filed September 16, 1998.
9. ☒ The prior application is assigned of record to Matsushita Electric Industrial Co., Ltd. located at 1006-banchi, Oaza-Kadoma, Kadoma-shi, Osaka 571-8501, Japan.

10. ☒ The Power of Attorney in the prior application is to:

Merchant & Gould P.C.
Minneapolis, MN 55402-2215

11. ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)

☒ Fee for excess claims is attached.

12. ☐ A petition and fee has been filed to extend the term in the prior application until . A copy of the petition for extension of time in the prior application is attached.

13. ☐ The inventor(s) in this application are less than those named in the prior application and it is requested that the following inventors identified above for the prior application be deleted:

14. ☐ A Nonpublication Request under 37 CFR 1.213(a) is enclosed.

15. ☒ Also Enclosed: Information Disclosure Statement, Form 1449, marked-up copy of specification

16. ☒ Address all future communications to the **Attention of Douglas P. Mueller** (may only be completed by attorney or agent of record) at the address below.

17. ☒ A return postcard is enclosed.

Respectfully submitted,

MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, MN 55402-0903
612.332.5300



Date:

Oct. 24, 2001

Curtis B. Hamre

Curtis B. Hamre
Reg. No. 29,165
DPMueller/jlc